

APPENDIX B. VISUAL INSPECTION FIELD FORMS

SLIP 4 EARLY ACTION AREA VISUAL INSPECTION FORM

Project Name: Sep 4 Long term Monitoring (4R7) Project No.: _____ Pg. 1 of 9
 Date: 8/1/2019 Weather: 100% TOS, overcast
 Crew: A. Hawley, M. James

Area Observed:	<u>SE Slope cap</u>	Time:	<u>8:38</u>
Substrate Classification:	<input checked="" type="checkbox"/> cobble <input checked="" type="checkbox"/> gravel <input checked="" type="checkbox"/> sand [coarse] [medium] [fine] <input checked="" type="checkbox"/> silt / clay <input checked="" type="checkbox"/> organic matter <input checked="" type="checkbox"/> wood/shell fragments		
Estimated thickness of fine sediment deposit:	<u>0.5-5.0 cm fines in isolated deposition areas</u>		
Stratification:	<u>rounded gravel on top; some riprap, medium/coarse sand underneath beginning at the surface in some places</u>		
Color:	<input type="checkbox"/> drab olive <input checked="" type="checkbox"/> gray <input checked="" type="checkbox"/> black <input checked="" type="checkbox"/> brown <input checked="" type="checkbox"/> brown surface <input type="checkbox"/> other		
Evidence of Pollution (sheen, etc.):	<u>none observed</u>		
Organic matter accumulation (e.g., leaf litter, logs, woody debris):	<u>Trace leaf litter, sticks, filamentous algae</u>		
Presence/description of debris/litter/garbage:	<u>T-shirt, cigarette butts, fair amount of garbage accumulated near sign, pop bottle, toilet^{att}, fishing line, sand bag,</u>		
Assessment of the re-establishment of intertidal aquatic habitat:	<u>barnacles on riprap</u>		
Observations of wildlife use (including avifauna and macroinvertebrates):	<u>bird droppings, flies, small butterflies, goose droppings, seagull carcass</u>		
Observations of cap disturbance / erosion / changed conditions:	<u>none observed</u>		
Assessment of the cap integrity:	<u>good</u>		
Other observations /Notes:			
Observer:	<u>A. Hawley</u>		

Area Observed:	<u>SE Sediment cap</u>	Time:	<u>0905</u>
Substrate Classification:	<input checked="" type="checkbox"/> cobble <input checked="" type="checkbox"/> gravel <input checked="" type="checkbox"/> sand [coarse] [medium] [fine] <input checked="" type="checkbox"/> silt / clay <input checked="" type="checkbox"/> organic matter <input checked="" type="checkbox"/> wood/shell fragments		
Estimated thickness of fine sediment deposit:	<u>Fines in isolated pockets, 0.5-6.0 cm</u>		
Stratification:	<u>Rounded gravel on surface; medium/coarse sand underneath beginning at the surface in some areas</u>		
Color:	<input type="checkbox"/> drab olive <input checked="" type="checkbox"/> gray <input checked="" type="checkbox"/> black <input checked="" type="checkbox"/> brown <input checked="" type="checkbox"/> brown surface <input type="checkbox"/> other		
Evidence of Pollution (sheen, etc.):	<u>none observed</u>		
Organic matter accumulation (e.g., leaf litter, logs, woody debris):	<u>kelp, some patches of deposition areas with various types of grass growing, leaf litter, decomposing leaf litter, filamentous algae, sticks</u>		
Presence/description of debris/litter/garbage:	<u>metal handle,</u>		
Assessment of the re-establishment of intertidal aquatic habitat:	<u>flies, bird droppings at various types of grass growing in deposition areas, barnacles on cobble</u>		
Observations of wildlife use (including avifauna and macroinvertebrates):	<u>flies, bird droppings</u>		
Observations of cap disturbance / erosion / changed conditions:	<u>none observed</u>		
Assessment of the cap integrity:	<u>good</u>		
Other observations /Notes:			
Observer:	<u>A. Hawley</u>		

SLIP 4 EARLY ACTION AREA VISUAL INSPECTION FORM

Project Name: Slip 4 Long Term Monitoring (Year 7) Project No.: Pg. 2 of 9
 Date: 8/1/2019 Weather: low 70s°F, partly sunny
 Crew: A. Hawley, M. Yarnes

Area Observed: <u>East Sediment Cap</u> Substrate Classification: <input checked="" type="checkbox"/> cobble <input checked="" type="checkbox"/> gravel <input checked="" type="checkbox"/> sand [coarse / medium / fine] <input checked="" type="checkbox"/> silt / clay <input type="checkbox"/> organic matter <input checked="" type="checkbox"/> wood/shell fragments Estimated thickness of fine sediment deposit: <u>numerous areas of fines from 0.5 - 11 cm</u> Stratification: <u>few pieces of rip rap (small), cobble and gravel on surface, coarse/medium sand underneath starting at top in some areas</u> Color: <input type="checkbox"/> drab olive <input checked="" type="checkbox"/> gray <input checked="" type="checkbox"/> black <input checked="" type="checkbox"/> brown <input checked="" type="checkbox"/> brown surface <input type="checkbox"/> other Evidence of Pollution (sheen, etc.): <u>none observed</u> Organic matter accumulation (e.g., leaf litter, logs, woody debris): <u>few pieces of driftwood, sticks, leaf litter, decaying organic matter, filamentous algae</u> Presence/description of debris/litter/garbage: <u>- none observed All small piece of plastic</u>	Time: <u>0926</u>
Assessment of the re-establishment of intertidal aquatic habitat: <u>grass growing in some deposition areas; barnacles on cobble and riprap</u> Observations of wildlife use (including avifauna and macroinvertebrates): <u>crows (2), flies, pill bug, bird droppings; bird tracks; dead crab</u>	
Observations of cap disturbance / erosion / changed conditions: <u>none observed</u> <small>(HHS)</small> <u>small piece of plastic</u> All <u>none observed</u>	
Assessment of the cap integrity: <u>good</u> Other observations /Notes: <u>water flowing from beneath Emerald Services outfall (which is dripping)</u>	
Observer: <u>A. Hawley</u>	

Area Observed: <u>North Sediment Cap</u> Substrate Classification: <input checked="" type="checkbox"/> cobble <input checked="" type="checkbox"/> gravel <input type="checkbox"/> sand [coarse / medium / fine] <input checked="" type="checkbox"/> silt / clay <input type="checkbox"/> organic matter <input type="checkbox"/> wood/shell fragments Estimated thickness of fine sediment deposit: <u>fines in deposition areas up to 9cm deep</u> Stratification: <u>some pieces of riprap; rounded cobble and gravel on surface, silt in areas of deposition</u> Color: <input type="checkbox"/> drab olive <input type="checkbox"/> gray <input checked="" type="checkbox"/> black <input type="checkbox"/> brown <input checked="" type="checkbox"/> brown surface <input type="checkbox"/> other Evidence of Pollution (sheen, etc.): <u>none observed</u> Organic matter accumulation (e.g., leaf litter, logs, woody debris): <u>driftwood, sticks, leaf litter</u> Presence/description of debris/litter/garbage: <u>wood stake</u>	Time: <u>09:54</u>
Assessment of the re-establishment of intertidal aquatic habitat: <u>barnacles on riprap; grasses (small amount) growing in pockets of finer</u> Observations of wildlife use (including avifauna and macroinvertebrates): <u>dead crab, flies, bird droppings</u>	
Observations of cap disturbance / erosion / changed conditions: <u>none observed</u>	
Assessment of the cap integrity: <u>good</u> Other observations /Notes: <u>—</u>	
Observer: <u>A. Hawley</u>	

SLIP 4 EARLY ACTION AREA VISUAL INSPECTION FORM

Project Name: Slip 4 Long Term Monitoring (YR7) Project No.: _____ Pg. 3 of 9
 Date: 8/1/19 Weather: low 70s° F, partly sunny
 Crew: M. Barnes, A. Hawley

Area Observed:	<u>North Slough</u>	Time:	<u>1006</u>
Substrate Classification:	<input checked="" type="checkbox"/> cobble <input checked="" type="checkbox"/> gravel <input checked="" type="checkbox"/> sand (coarse / medium / fine) <input checked="" type="checkbox"/> silt / clay <input checked="" type="checkbox"/> organic matter <input type="checkbox"/> wood/shell fragments		
Estimated thickness of fine sediment deposit:	<u>Fines in deposition areas up to 26 cm</u>		
Stratification:	<u>Rounded gravel with occasional rip rap; numerous fines deposition areas, main channel has organic matter mixed in to 16 cm deep</u>		
Color:	<input type="checkbox"/> drab olive <input type="checkbox"/> gray <input checked="" type="checkbox"/> black <input checked="" type="checkbox"/> brown <input checked="" type="checkbox"/> brown surface <input type="checkbox"/> other		
Evidence of Pollution (sheen, etc.):	<u>none observed</u>		
Organic matter accumulation (e.g., leaf litter, logs, woody debris):	<u>sticks, leaf litter, filamentous algae</u>		
Presence/description of debris/litter/garbage:	<u>none observed</u>		
Assessment of the re-establishment of intertidal aquatic habitat:	<u>barnacles on rip rap</u>		
Observations of wildlife use (including avifauna and macroinvertebrates):	<u>flies, dead crab, turtle</u>		
Observations of cap disturbance / erosion / changed conditions:	<u>none observed</u>		
Assessment of the cap integrity:	<u>good</u>		
Other observations /Notes:	<u>straw wattle in channel at end of north slough</u>		
Observer: <u>A. Hawley</u>			
Area Observed:	<u>West Sediment Cap</u>	Time:	<u>1021</u>
Substrate Classification:	<input checked="" type="checkbox"/> cobble <input checked="" type="checkbox"/> gravel <input checked="" type="checkbox"/> sand (coarse / medium / fine) <input checked="" type="checkbox"/> silt / clay <input checked="" type="checkbox"/> organic matter <input checked="" type="checkbox"/> wood/shell fragments		
Estimated thickness of fine sediment deposit:	<u>Fines in deposition areas up to 18 cm</u>		
Stratification:	<u>rip rap, rounded gravel, silt w/ sand starting at surface in some areas</u>		
Color:	<input type="checkbox"/> drab olive <input checked="" type="checkbox"/> gray <input checked="" type="checkbox"/> black <input checked="" type="checkbox"/> brown <input checked="" type="checkbox"/> brown surface <input type="checkbox"/> other		
Evidence of Pollution (sheen, etc.):	<u>none observed</u>		
Organic matter accumulation (e.g., leaf litter, logs, woody debris):	<u>filamentous algae, sticks, drift wood</u>		
Presence/description of debris/litter/garbage:	<u>pieces of rusted metal, plastic bottle, paper debris, metal rebar</u>		
Assessment of the re-establishment of intertidal aquatic habitat:	<u>barnacles on gravel, cobble, riprap, grass growing in patches of deposition</u>		
Observations of wildlife use (including avifauna and macroinvertebrates):	<u>flies, bird droppings, minnows, bird tracks, 2 kingfishers</u>		
Observations of cap disturbance / erosion / changed conditions:	<u>none observed</u>		
Assessment of the cap integrity:	<u>good</u>		
Other observations /Notes:	<u>cut wood pilings, concrete pilings</u>		
Observer: <u>A. Hawley</u>			

SLIP 4 EARLY ACTION AREA VISUAL INSPECTION FORM

Project Name: Slip 4 Long Term Monitoring (YR7) Project No.: _____ Pg. 4 of 9
 Date: 8/11/2019 Weather: 70°F, partly sunny
 Crew: A. Hawley, M. Yarnes

Area Observed:	<u>Central Sediment Cap</u>	Time: <u>1036</u>
Substrate Classification:	<input checked="" type="checkbox"/> cobble <input checked="" type="checkbox"/> gravel <input checked="" type="checkbox"/> sand (coarse / medium / fine) <input checked="" type="checkbox"/> silt / clay <input type="checkbox"/> organic matter <input checked="" type="checkbox"/> wood/shell fragments	
Estimated thickness of fine sediment deposit:	<u>Fines in deposition areas up to 25cm ^{11/21} 29 cm</u>	
Stratification:	<u>Rip rap, cobble + gravel, sand / silt at surface in some areas</u>	
Color:	<input type="checkbox"/> drab olive <input checked="" type="checkbox"/> gray <input type="checkbox"/> black <input checked="" type="checkbox"/> brown <input checked="" type="checkbox"/> brown surface <input type="checkbox"/> other	
Evidence of Pollution (sheen, etc.):	<u>none observed</u>	
Organic matter accumulation (e.g., leaf litter, logs, woody debris):	<u>filamentous algae, leaf litter, sticks, driftwood</u>	
Presence/description of debris/litter/garbage:	<u>metal rebar</u>	
Assessment of the re-establishment of intertidal aquatic habitat:	<u>barnacles on riprap, gravel, cobble;</u>	
Observations of wildlife use (including avifauna and macroinvertebrates):	<u>minnows, flies, oyster growing on rock</u>	
Observations of cap disturbance / erosion / changed conditions:	<u>none observed</u>	
Assessment of the cap integrity:	<u>good</u>	
Other observations /Notes:		
Observer:	<u>A. Hawley</u>	
Area Observed:	<u>South Slough</u>	Time: <u>1045</u>
Substrate Classification:	<input checked="" type="checkbox"/> cobble <input checked="" type="checkbox"/> gravel <input checked="" type="checkbox"/> sand (coarse / medium / fine) <input checked="" type="checkbox"/> silt / clay <input checked="" type="checkbox"/> organic matter <input type="checkbox"/> wood/shell fragments	
Estimated thickness of fine sediment deposit:	<u>Fines in deposition areas up to 37cm deep</u>	
Stratification:	<u>Rip rap, cobble and gravel, sand w/ silt/clay underneath, organic matter sporadic throughout</u>	
Color:	<input type="checkbox"/> drab olive <input checked="" type="checkbox"/> gray <input checked="" type="checkbox"/> black <input checked="" type="checkbox"/> brown <input checked="" type="checkbox"/> brown surface <input type="checkbox"/> other	
Evidence of Pollution (sheen, etc.):	<u>none observed</u>	
Organic matter accumulation (e.g., leaf litter, logs, woody debris):	<u>filamentous algae, sticks, driftwood, leaf litter</u>	
Presence/description of debris/litter/garbage:	<u>none observed</u>	
Assessment of the re-establishment of intertidal aquatic habitat:	<u>barnacles growing on riprap</u>	
Observations of wildlife use (including avifauna and macroinvertebrates):	<u>green heron, minnows, flies, crow</u>	
Observations of cap disturbance / erosion / changed conditions:	<u>none observed</u>	
Assessment of the cap integrity:	<u>good</u>	
Other observations /Notes:	<u>brown suds (appear organic) on water surface</u>	
Observer:	<u>A. Hawley</u>	

SLIP 4 EARLY ACTION AREA VISUAL INSPECTION FORM

Project Name: Slip 4 Long Term Monitoring (YR7) Project No.: _____ Pg. 5 of 9
 Date: 8/1/2019 Weather: 70° F, sunny
 Crew: A. Hawley, M. Barnes

Area Observed:	<u>Central Slough</u>	Time:	<u>1053</u>
Substrate Classification:	X cobble X gravel X sand (coarse / medium / fine) X silt / clay X organic matter X wood/shell fragments		
Estimated thickness of fine sediment deposit:	<u>Deposition area up to 41 cm deep</u>		
Stratification:	<u>Riprap, cobble and gravel, sand (1-2 cm deep), then silt/clay below</u>		
Color:	<input type="checkbox"/> drab olive <input checked="" type="checkbox"/> gray <input type="checkbox"/> black <input type="checkbox"/> brown <input checked="" type="checkbox"/> brown surface <input type="checkbox"/> other		
Evidence of Pollution (sheen, etc.):	<u>none observed</u>		
Organic matter accumulation (e.g., leaf litter, logs, woody debris):	<u>filamentous algae, sticks, leaf litter</u>		
Presence/description of debris/litter/garbage:	<u>plastic debris, wood plank, piece of ceramic, strips of plastic, plastic bottle</u>		
Assessment of the re-establishment of intertidal aquatic habitat:	<u>barnacles on riprap</u>		
Observations of wildlife use (including avifauna and macroinvertebrates):	<u>flies, 2 ducks (mallards), bee</u>		
Observations of cap disturbance / erosion / changed conditions:	<u>none observed</u>		
Assessment of the cap integrity:	<u>good</u>		
Other observations /Notes:	<u>—</u>		
Observer: <u>A. Hawley</u>			
Area Observed:	<u>NW Sediment Cap</u>		
Substrate Classification:	X cobble X gravel X sand (coarse / medium / fine) X silt / clay X organic matter <input type="checkbox"/> wood/shell fragments	Time: <u>1110</u>	
Estimated thickness of fine sediment deposit:	<u>Fines in deposition areas up to 27 cm deep</u>		
Stratification:	<u>Rounded gravel w/ sand + fines underneath (starting at surface in some areas)</u>		
Color:	<input type="checkbox"/> drab olive <input type="checkbox"/> gray <input checked="" type="checkbox"/> black <input type="checkbox"/> brown <input checked="" type="checkbox"/> brown surface <input type="checkbox"/> other		
Evidence of Pollution (sheen, etc.):	<u>none observed</u>		
Organic matter accumulation (e.g., leaf litter, logs, woody debris):	<u>filamentous algae, leaf litter, sticks, pine cones, driftwood</u>		
Presence/description of debris/litter/garbage:	<u>none observed</u>		
Assessment of the re-establishment of intertidal aquatic habitat:	<u>barnacles on riprap, grasses growing in depositional areas on mounds (higher elevation areas)</u>		
Observations of wildlife use (including avifauna and macroinvertebrates):	<u>flies, decid crab, bird tracks</u>		
Observations of cap disturbance / erosion / changed conditions:	<u>none observed</u>		
Assessment of the cap integrity:	<u>good</u>		
Other observations /Notes:	<u>—</u>		
Observer: <u>M. Barnes</u>			

SLIP 4 EARLY ACTION AREA VISUAL INSPECTION FORM

Project Name: Slip 4 Long Term Monitoring (YR7) Project No.: _____ Pg. 6 of 9
 Date: 8/1/19 Weather: 70°F, sunny
 Crew: A. Hawley, M. Yarnell

Area Observed:	<u>NW Slope Cap</u>	Time:	<u>1125</u>
Substrate Classification:	<input checked="" type="checkbox"/> cobble <input checked="" type="checkbox"/> gravel <input checked="" type="checkbox"/> sand (coarse) medium / fine <input checked="" type="checkbox"/> silt / clay <input type="checkbox"/> organic matter <input type="checkbox"/> wood/shell fragments		
Estimated thickness of fine sediment deposit:	<u>Isolated fines deposition areas up to 23 cm deep</u>		
Stratification:	<u>Riprap and rounded gravel up to 12 cm deep, w/ coarse sand and fines below in interstices</u>		
Color:	<input type="checkbox"/> drab olive <input type="checkbox"/> gray <input checked="" type="checkbox"/> black <input type="checkbox"/> brown <input checked="" type="checkbox"/> brown surface <input type="checkbox"/> other		
Evidence of Pollution (sheen, etc.):	<u>none observed</u>		
Organic matter accumulation (e.g., leaf litter, logs, woody debris):	<u>sticks, driftwood, filamentous algae, leaf litter</u>		
Presence/description of debris/litter/garbage:	<u>plastic bucket, bouquet of flowers, plastic sheeting, spray paint can, cigarette butt, construction post, beer can, plastic debris, plastic bottle</u>		
Assessment of the re-establishment of intertidal aquatic habitat:	<u>grass growing in depositional areas</u>		
Observations of wildlife use (including avifauna and macroinvertebrates):	<u>flies, bird tracks; bees, spider webs between rip rap, bird droppings, butterfly</u>		
Observations of cap disturbance / erosion / changed conditions:	<u>none observed</u>		
Assessment of the cap integrity:	<u>good</u>		
Other observations /Notes:	<u>Pacific aster, butterfly bush, blackberries are the dominant sp. at site plant species, also hedge mustard, wild carrots</u>		
Observer: <u>A. Hawley</u>			
Area Observed:	<u>NW Beach</u>	Time:	<u>11:40</u>
Substrate Classification:	<input checked="" type="checkbox"/> cobble <input checked="" type="checkbox"/> gravel <input checked="" type="checkbox"/> sand (coarse / medium / fine) <input type="checkbox"/> silt / clay <input type="checkbox"/> organic matter <input type="checkbox"/> wood/shell fragments		
Estimated thickness of fine sediment deposit:	<u>none observed</u>		
Stratification:	<u>Rip rap, gravel, cobble, sand</u>		
Color:	<input type="checkbox"/> drab olive <input checked="" type="checkbox"/> gray <input type="checkbox"/> black <input checked="" type="checkbox"/> brown <input type="checkbox"/> brown surface <input type="checkbox"/> other		
Evidence of Pollution (sheen, etc.):	<u>none observed</u>		
Organic matter accumulation (e.g., leaf litter, logs, woody debris):	<u>sticks, driftwood, leaf litter</u>		
Presence/description of debris/litter/garbage:	<u>bottle cap, wooden board, tin foil, rusted metal debris, plastic bottle, balloon, plastic debris, trash</u>		
Assessment of the re-establishment of intertidal aquatic habitat:	<u>n/a (not intertidal)</u>		
Observations of wildlife use (including avifauna and macroinvertebrates):	<u>flies, bees, goose feather</u>		
Observations of cap disturbance / erosion / changed conditions:	<u>none</u>		
Assessment of the cap integrity:	<u>good</u>		
Other observations /Notes:	<u>area dominated by dune grass; some Pacific aster, butterfly bush; evidence of graffiti on riprap; sweet pea, blackberry, wild rose</u>		
Observer: <u>A. Hawley</u>			

SLIP 4 EARLY ACTION AREA VISUAL INSPECTION FORM

Project Name: SLIP 4 Long Term Monitoring Project No.: _____ Pg. 7 of 9
 Date: 8/11/19 Weather: upper 70s°F, sunny
 Crew: A. Hawley, M. Yarnes

Area Observed:	<u>North Slope / outfalls</u>	Time:	<u>11:52</u>
Substrate Classification:	<input checked="" type="checkbox"/> cobble <input checked="" type="checkbox"/> gravel <input checked="" type="checkbox"/> sand [coarse / medium / fine] <input checked="" type="checkbox"/> silt / clay <input checked="" type="checkbox"/> organic matter <input type="checkbox"/> wood/shell fragments		
Estimated thickness of fine sediment deposit:	<u>Fines in deposition areas (base of slope) up to 18 cm deep</u>		
Stratification:	<u>mostly riprap w/ some cobble/gravel and sand/fines underneath (starting at surface in some areas)</u>		
Color:	<input type="checkbox"/> drab olive <input type="checkbox"/> gray <input checked="" type="checkbox"/> black <input type="checkbox"/> brown <input checked="" type="checkbox"/> brown surface <input type="checkbox"/> other		
Evidence of Pollution (sheen, etc.):	<u>none observed</u>		
Organic matter accumulation (e.g., leaf litter, logs, woody debris):	<u>driftwood, filamentous algae, woody debris, sticks, leaf litter</u>		
Presence/description of debris/litter/garbage:	<u>plastic paint tray, plastic debris, glass bottle, small gasket, trash bag</u>		
Assessment of the re-establishment of intertidal aquatic habitat:	<u> barnacles on cobble</u>		
Observations of wildlife use (including avifauna and macroinvertebrates):	<u>flies, bird tracks</u>		
Observations of cap disturbance / erosion / changed conditions:	<u>none observed</u>		
Assessment of the cap integrity:	<u>good</u>		
Other observations /Notes:	<u>dune grass re-establishment above NBF SD, SPV outfall</u>		
Observer:	<u>A. Hawley</u>		
Area Observed:	<u>NE Beachth East+central sediment cap</u>		
Substrate Classification:	<input checked="" type="checkbox"/> cobble <input checked="" type="checkbox"/> gravel <input checked="" type="checkbox"/> sand [coarse / medium / fine] <input checked="" type="checkbox"/> silt / clay <input type="checkbox"/> organic matter <input checked="" type="checkbox"/> wood/shell fragments		
Estimated thickness of fine sediment deposit:	<u>Fines in depositional areas as deep as 16 cm</u>		
Stratification:	<u>rounded cobble & some riprap on surface; coarse sand at surface in some areas, fines and sand</u>		
Color:	<input type="checkbox"/> drab olive <input checked="" type="checkbox"/> gray <input type="checkbox"/> black <input checked="" type="checkbox"/> brown <input checked="" type="checkbox"/> brown surface <input type="checkbox"/> other		
Evidence of Pollution (sheen, etc.):	<u>none observed</u>		
Organic matter accumulation (e.g., leaf litter, logs, woody debris):	<u>filamentous algae, leaf litter, driftwood, sticks</u>		
Presence/description of debris/litter/garbage:	<u>none observed</u>		
Assessment of the re-establishment of intertidal aquatic habitat:	<u>barnacles on riprap+ cobble</u>		
Observations of wildlife use (including avifauna and macroinvertebrates):	<u>flies, bird droppings</u>		
Observations of cap disturbance / erosion / changed conditions:	<u>none observed</u>		
Assessment of the cap integrity:	<u>good</u>		
Other observations /Notes:			
Observer:	<u>A. Hawley</u>		

SLIP 4 EARLY ACTION AREA VISUAL INSPECTION FORM

Project Name: Slip 4 Long-term Monitoring (yr7) Project No.: _____ Pg. 8 of 9
 Date: 8/1/19 Weather: 70's F, sunny
 Crew: A. Hawley, M. Yanner, J. R. Neelzen

Area Observed:	<u>South Sediment Cap</u>	Time:	<u>12:13</u>
Substrate Classification:	X cobble X gravel X sand [coarse / medium / fine] X silt / clay <input type="checkbox"/> organic matter X wood/shell fragments		
Estimated thickness of fine sediment deposit:	<u>Fines up to 25 cm in depositional areas</u>		
Stratification:	<u>Rounded cobble w/ sand/fines below; sand/fines at surface in depositional areas</u>		
Color:	<input type="checkbox"/> drab olive X gray X black <input type="checkbox"/> brown X brown surface <input type="checkbox"/> other		
Evidence of Pollution (sheen, etc.):	<u>none observed</u>		
Organic matter accumulation (e.g., leaf litter, logs, woody debris):	<u>filamentous algae, leaf litter, sticks</u>		
Presence/description of debris/litter/garbage:	<u>plastic bottle, plastic wrapper</u>		
Assessment of the re-establishment of intertidal aquatic habitat:	<u>barnacles on cobble, red seagrass (small patch) on submerged mound of sediment)</u>		
Observations of wildlife use (including avifauna and macroinvertebrates):	<u>bird tracks, bird droppings, seagull, oyster barnacles, oyster, flies, minnows</u>		
Observations of cap disturbance / erosion / changed conditions:	<u>none observed</u>		
Assessment of the cap integrity:	<u>good</u>		
Other observations /Notes:	<u>—</u>		
Observer:	<u>A. Hawley</u>		
Area Observed:	<u>East Slope Cap</u>	Time:	<u>12:50</u>
Substrate Classification:	X cobble X gravel X sand [coarse / medium / fine] X silt / clay <input type="checkbox"/> organic matter X wood/shell fragments		
Estimated thickness of fine sediment deposit:	<u>Fines accumulated (bottom of slope) up to 2cm deep</u>		
Stratification:	<u>Riprap and rounded cobble w/ exposed sand in some areas</u>		
Color:	<input type="checkbox"/> drab olive X gray X black X brown X brown surface <input type="checkbox"/> other		
Evidence of Pollution (sheen, etc.):	<u>none observed</u>		
Organic matter accumulation (e.g., leaf litter, logs, woody debris):	<u>leaf litter, sticks, filamentous algal, driftwood</u>		
Presence/description of debris/litter/garbage:	<u>plastic debris, shoe, string, tin foil, wood stake, can,</u>		
Assessment of the re-establishment of intertidal aquatic habitat:	<u>no re-establishment of intertidal aquatic habitat observed</u>		
Observations of wildlife use (including avifauna and macroinvertebrates):	<u>bird droppings, goose feather, bees, flies, bird feathers, oyster shell</u>		
Observations of cap disturbance / erosion / changed conditions:	<u>none observed</u>		
Assessment of the cap integrity:	<u>good</u>		
Other observations /Notes:	<u>Vegetation at top of slope appears recently mowed; blackberries, Tansy, Honey clover, wild carrot, black cottonwood, switchgrass</u>		
Observer:	<u>A. Hawley</u>		

SLIP 4 EARLY ACTION AREA VISUAL INSPECTION FORM

Project Name: Slip 4 Long Term Monitoring (Yr 7) Project No.: _____ Pg. 9 of 9
 Date: 8/1/19 Weather: upper 70s - 80s °F, sunny
 Crew: A. Hawley, M. Yarnes, J. Rheuben

Area Observed:	<u>NE Slope Cap</u>	Time: <u>1305</u>
Substrate Classification: <input checked="" type="checkbox"/> cobble <input checked="" type="checkbox"/> gravel <input checked="" type="checkbox"/> sand [coarse / medium / fine] <input type="checkbox"/> silt / clay <input type="checkbox"/> organic matter <input checked="" type="checkbox"/> wood/shell fragments		
Estimated thickness of fine sediment deposit: <u>Pockets of fines deposition up to 5 cm deep</u>		
Stratification: <u>Riprap and rounded cobble at surface w/ sand in some places</u>		
Color: <input type="checkbox"/> drab olive <input checked="" type="checkbox"/> gray <input type="checkbox"/> black <input checked="" type="checkbox"/> brown <input type="checkbox"/> brown surface <input type="checkbox"/> other _____		
Evidence of Pollution (sheen, etc.): <u>none observed</u>		
Organic matter accumulation (e.g., leaf litter, logs, woody debris): <u>sticks, woody debris, leaf litter, shells, kelp debris, filamentous algae, driftwood</u>		
Presence/description of debris/litter/garbage: <u>pillow, plastic debris, wooden stakes, styrofoam, beer can, plastic bottle</u>		
Assessment of the re-establishment of intertidal aquatic habitat: <u>some filamentous algae growing on rocks, barnacles on riprap (just a few ft bottom of slope)</u>		
Observations of wildlife use (including avifauna and macroinvertebrates): <u>bird droppings, flies, bees, bird feather, oyster shells, dead sand crab,</u>		
Observations of cap disturbance / erosion / changed conditions: <u>none observed</u>		
Assessment of the cap integrity: <u>good</u>		
Other observations /Notes: <u>blackberries, Pacific aster, wild carrot, honey clover, salt brush, curly dock</u>		
Observer: <u>AHawley</u>		
Area Observed: <u>NE Beach</u> Time: <u>1312</u>		
Substrate Classification: <input checked="" type="checkbox"/> cobble <input checked="" type="checkbox"/> gravel <input checked="" type="checkbox"/> sand [coarse / medium / fine] <input type="checkbox"/> silt / clay <input type="checkbox"/> organic matter <input type="checkbox"/> wood/shell fragments		
Estimated thickness of fine sediment deposit: <u>none observed</u>		
Stratification: <u>Riprap around perimeter, cobble/gravel/sand at surface</u>		
Color: <input type="checkbox"/> drab olive <input checked="" type="checkbox"/> gray <input type="checkbox"/> black <input checked="" type="checkbox"/> brown <input type="checkbox"/> brown surface <input type="checkbox"/> other _____		
Evidence of Pollution (sheen, etc.): <u>none observed</u>		
Organic matter accumulation (e.g., leaf litter, logs, woody debris): <u>leaf litter, sticks, woody debris</u>		
Presence/description of debris/litter/garbage: <u>milk jug, plastic bottles, sharpie pen, plastic debris, wooden stakes</u>		
Assessment of the re-establishment of intertidal aquatic habitat: <u>n/a - not intertidal</u>		
Observations of wildlife use (including avifauna and macroinvertebrates): <u>bees, flies, dragonfly</u>		
Observations of cap disturbance / erosion / changed conditions: <u>none observed</u>		
Assessment of the cap integrity: <u>good</u>		
Other observations /Notes: <u>curly dock, broad leaf dock, dune grass, snowberry, butterfly bushes, swamp rose, young oak tree, blackberries, English Ivy, wild carrots,</u>		
Observer: <u>AHawley</u>		